

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A pharmaceutical composition for protecting and preserving an organ, a tissue, or a cell, comprising a purified polyphenol or a purified mixture of polyphenols in an amount sufficient for preservation of said organ, tissue, or cell during ischemia or reperfusion, wherein said composition is administered daily at a time from at least two weeks before an operation to the date of the operation.

2. (Canceled)

3. (Currently amended) The composition of claim [[2]]1, wherein the ischemia and reperfusion arises in surgery or medical operation.

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Currently amended) The composition of claim [[4]]1, wherein the administration is performed orally or parenterally.

10. (Currently amended) The composition of claim [[4]]1, wherein the operation is surgical or internally.

11. (Original) The composition of claim 10, wherein the operation is surgical.
12. (Original) The composition of claim 11, wherein the surgical operation uses off-pump, PCI, catheter intervention or extracorporeal circulation.
13. (Original) The composition of claim 11, wherein the surgical operation is an operation of aorta, arteries, coronaria or valve.
14. (Original) The composition of claim 1, wherein the organ, tissue or cell is an organ.
15. (Original) The composition of claim 1, wherein the organ comprises the skin, blood vessels, cornea, kidney, heart, liver, umbilical cord, intestine, nerve, lung, placenta, or pancreas.
16. (Original) The composition of claim 1, wherein the organ is selected from the group consisting of the heart, brain, nerve and spinal cord.
17. (Currently amended) The composition of claim 1, wherein the organ, tissue or cell is mammalian ~~m-a-m-m-a-l-i-a-n~~.
18. (Original) The composition of claim 1, wherein the organ, tissue or cell is human.
19. (Currently amended) The composition of claim 1, which is a protective agent for the organ, tissue or cell ~~cell~~.
20. (Original) The composition of claim 1, wherein the protection comprises protection in ischemia.

21. (Original) The composition of claim 1, which is a preservation agent for the organ, tissue or cell.

22. (Original) The composition of claim 1, wherein the polyphenol is a mixture or a single component.

23. (Original) The composition of claim 1, wherein the polyphenol is a catechin, tannin, proanthocyanidine, or resveratrol.

24. (Original) The composition of claim 1, wherein the polyphenol comprises at least catechins or tannins.

25. (Currently amended) The composition of claim 1, wherein the polyphenol comprises ~~epigallocatechingailate~~ epigallocatechin gallate.

26. (Original) The composition of claim 1, wherein the polyphenol has a hydroxy value of about 2 to about 100.

27. (Original) The composition of claim 1, wherein the polyphenol comprises an extract selected from the group consisting of tea extract, seaweed extract, aloe extract, wine extract, cactus extract and fruit extract.

28. (Original) The composition of claim 1, wherein the polyphenol comprises seaweed extract.

29. (Original) The composition of claim 1, wherein the polyphenol comprises tea extract.

30-60. (Canceled)